

Daniel J Richter

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

23,340
citations

186265

28
h-index

395702

33
g-index

50
all docs

50
docs citations

50
times ranked

28097
citing authors

#	ARTICLE	IF	CITATIONS
1	A haplotype map of the human genome. <i>Nature</i> , 2005, 437, 1299-1320.	27.8	5,440
2	A second generation human haplotype map of over 3.1 million SNPs. <i>Nature</i> , 2007, 449, 851-861.	27.8	4,137
3	Initial sequence of the chimpanzee genome and comparison with the human genome. <i>Nature</i> , 2005, 437, 69-87.	27.8	2,222
4	Detecting recent positive selection in the human genome from haplotype structure. <i>Nature</i> , 2002, 419, 832-837.	27.8	1,881
5	Genome-wide detection and characterization of positive selection in human populations. <i>Nature</i> , 2007, 449, 913-918.	27.8	1,788
6	Linkage disequilibrium in the human genome. <i>Nature</i> , 2001, 411, 199-204.	27.8	1,587
7	The genome of the choanoflagellate <i>Monosiga brevicollis</i> and the origin of metazoans. <i>Nature</i> , 2008, 451, 783-788.	27.8	1,006
8	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	1.7	904
9	Genetic evidence for complex speciation of humans and chimpanzees. <i>Nature</i> , 2006, 441, 1103-1108.	27.8	531
10	Two levels of protection for the B cell genome during somatic hypermutation. <i>Nature</i> , 2008, 451, 841-845.	27.8	524
11	A Large and Consistent Phylogenomic Dataset Supports Sponges as the Sister Group to All Other Animals. <i>Current Biology</i> , 2017, 27, 958-967.	3.9	423
12	Comparison of Fine-Scale Recombination Rates in Humans and Chimpanzees. <i>Science</i> , 2005, 308, 107-111.	12.6	335
13	Drug-sensitive <i>FGFR2</i> mutations in endometrial carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8713-8717.	7.1	329
14	A global ocean atlas of eukaryotic genes. <i>Nature Communications</i> , 2018, 9, 373.	12.8	297
15	Human genome sequence variation and the influence of gene history, mutation and recombination. <i>Nature Genetics</i> , 2002, 32, 135-142.	21.4	278
16	Genome coverage and sequence fidelity of Φ 29 polymerase-based multiple strand displacement whole genome amplification. <i>Nucleic Acids Research</i> , 2004, 32, e71-e71.	14.5	266
17	Premetazoan genome evolution and the regulation of cell differentiation in the choanoflagellate <i>Salpingoeca rosetta</i> . <i>Genome Biology</i> , 2013, 14, R15.	9.6	219
18	Origin of metazoan cadherin diversity and the antiquity of the classical cadherin/ β 2-catenin complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13046-13051.	7.1	169

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19	The Genomic and Cellular Foundations of Animal Origins. Annual Review of Genetics, 2013, 47, 509-537.	7.6	169
20	Gene family innovation, conservation and loss on the animal stem lineage. ELife, 2018, 7, .	6.0	149
21	Chimeric origins of ochrophytes and haptophytes revealed through an ancient plastid proteome. ELife, 2017, 6, .	6.0	129
22	The Evolution of Silicon Transport in Eukaryotes. Molecular Biology and Evolution, 2016, 33, 3226-3248.	8.9	107
23	Analysis of Chimpanzee History Based on Genome Sequence Alignments. PLoS Genetics, 2008, 4, e1000057.	3.5	73
24	A six-gene phylogeny provides new insights into choanoflagellate evolution. Molecular Phylogenetics and Evolution, 2017, 107, 166-178.	2.7	59
25	Conserved expression of vertebrate microvillar gene homologs in choanocytes of freshwater sponges. EvoDevo, 2016, 7, 13.	3.2	42
26	Independent and complementary methods for large-scale structural analysis of mammalian chromatin. Genome Research, 2007, 17, 928-939.	5.5	38
27	The symbiotic life of <i>Symbiodinium</i> in the open ocean within a new species of calcifying ciliate (<i>Tiarina</i> sp.). ISME Journal, 2016, 10, 1424-1436.	9.8	37
28	Transcriptome sequencing and delimitation of sympatric <i>Oscarella</i> species (<i>O. carmela</i> and <i>O. pearsei</i>)	2.5	35
29	Bridging the gap between morphological species and molecular barcodes – Exemplified by loricate choanoflagellates. European Journal of Protistology, 2017, 57, 26-37.	1.5	26
30	Identification and Characterization of Genes Required for Compensatory Growth in <i>Drosophila</i> . Genetics, 2011, 189, 1309-1326.	2.9	21
31	Seasonal Occurrence of Loricate Choanoflagellates in Danish Inner Waters. Protist, 2016, 167, 622-638.	1.5	15
32	The origin and evolution of cell-intrinsic antibacterial defenses in eukaryotes. Current Opinion in Genetics and Development, 2019, 58-59, 111-122.	3.3	14
33	Patterson et al. reply. Nature, 2008, 452, E4-E4.	27.8	9
34	Choanoflagellata. , 2017, , 1479-1496.		5
35	Choanoflagellata. , 2016, , 1-19.		3